



RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/835,992
Source: O/PE
Date Processed by STIC: 5/2/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
TIME: 12:34:48

pp 1-3

Input Set : A:\es.txt
Output Set: N:\CRF3\05022001\I835992.raw

**Does Not Comply
Corrected Diskette Needed**

2 <110> APPLICANT: Obata, Yuichi
4 <120> TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES ASSOCIATED WITH GASTRIC
CANCER AND
5 METHODS FOR DIAGNOSING AND TREATING GASTRIC CANCER
7 <130> FILE REFERENCE: L0461/7112
OK 8 <140> CURRENT APPLICATION NUMBER: US/09/835,992
OK 8 <141> CURRENT FILING DATE: 2001-04-17
8 <150> PRIOR APPLICATION NUMBER: US 08/896,164
9 <151> PRIOR FILING DATE: 1997-07-17
11 <160> NUMBER OF SEQ ID NOS: 87
12 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

insert a hard return after each response -

5583 <210> SEQ ID NO: 42
5584 <211> LENGTH: 667 *677(p.2)*
5585 <212> TYPE: DNA
5586 <213> ORGANISM: Homo sapiens <220>
5587 <221> NAME/KEY: Unsure
5588 <222> LOCATION: (460)..(460) /
5589 <223> OTHER INFORMATION: n = a, c, g or t
5591 <220> FEATURE:
5592 <221> NAME/KEY: Unsure
5593 <222> LOCATION: (484)..(484) /
5594 <223> OTHER INFORMATION: n = a, c, g or t
5596 <220> FEATURE:
5597 <221> NAME/KEY: Unsure /
5598 <222> LOCATION: (574)..(574)
5599 <223> OTHER INFORMATION: n = a, c, g or t
5601 <220> FEATURE:
5602 <221> NAME/KEY: Unsure /
5603 <222> LOCATION: (590)..(590)
5604 <223> OTHER INFORMATION: n = a, c, g or t
5606 <220> FEATURE:
5607 <221> NAME/KEY: Unsure /
5608 <222> LOCATION: (623)..(623)
5609 <223> OTHER INFORMATION: n = a, c, g or t
5611 <220> FEATURE:
5612 <221> NAME/KEY: Unsure /
5613 <222> LOCATION: (627)..(627)
5614 <223> OTHER INFORMATION: n = a, c, g or t
5616 <220> FEATURE:
5617 <221> NAME/KEY: Unsure /
5618 <222> LOCATION: (643)..(643)
5619 <223> OTHER INFORMATION: n = a, c, g or t
5621 <400> SEQUENCE: 42
5622 aagatcagcg atatcacgcg tcccccgagg catcgcggtgc aggagccatg gcgcggggagc 60

*This is
a global error;
please correct
all sequences
showing this
error*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001
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Input Set : A:\es.txt

Output Set: N:\CRF3\05022001\I835992.raw

5623 tataccacga agagttcgcc cgggcgggca agcaggcggg gctgcaggtc tggaggattg 120
5624 agaagctgga gctgggtgcc gtgcccaga gcgctcacgg cgacttctac gtcggggatg 180
5625 cctacctggt gctgcacacg gccaaagacga gccgaggctt cacctaccac ctgcacttct 240
5626 ggctcggaaa ggagtgttcc caggatgaaa gcacagctgc tgccatcttc actgttcaga 300
5627 tggatgacta tttgggtggc aagccagtgc agaatagaga acttcaagga tatgagtcta 360
5628 atgactttgt tagctatttc aaaggcggtc tgaaatacaa, ggctggaggc gtggcatctg 420
W--> 5629 gattaaatca tgttcttacg aacgacctga cagccaagan gctcctacat gtgaagggtc 480
W--> 5630 gtanagtggg gagagccaca gaattccct tagctgggac agtttcaaca, aggggtgactg 540
W--> 5631 cttcatcatt gaccttggca ccgaaattta tcanttggtg tggttcctcn tgcaacaaat 600
W--> 5632 atgaacgtct gaaggcaaac cangtancta ctggcattcg gtncaatgaa aggaaaggaa 660
E--> 5633 ggtctgaact aattgtc 677

6689 <210> SEQ ID NO: 58

6690 <211> LENGTH: (571) 751 shown (p.3)

6691 <212> TYPE: DNA

6692 <213> ORGANISM: Homo sapiens <220>

6693 <221> NAME/KEY: Unsure

6694 <222> LOCATION: (364)..(364)

6695 <223> OTHER INFORMATION: n = a, c, g or t

6697 <220> FEATURE:

6698 <221> NAME/KEY: Unsure

6699 <222> LOCATION: (468)..(468)

6700 <223> OTHER INFORMATION: n = a, c, g or t

6702 <220> FEATURE:

6703 <221> NAME/KEY: Unsure

6704 <222> LOCATION: (516)..(516)

6705 <223> OTHER INFORMATION: n = a, c, g or t

6707 <220> FEATURE:

6708 <221> NAME/KEY: Unsure

6709 <222> LOCATION: (532)..(532)

6710 <223> OTHER INFORMATION: n = a, c, g or t

6712 <220> FEATURE:

6713 <221> NAME/KEY: Unsure

6714 <222> LOCATION: (574)..(574)

6715 <223> OTHER INFORMATION: n = a, c, g or t

6717 <220> FEATURE:

6718 <221> NAME/KEY: Unsure

6719 <222> LOCATION: (597)..(597)

6720 <223> OTHER INFORMATION: n = a, c, g or t

6722 <220> FEATURE:

6723 <221> NAME/KEY: Unsure

6724 <222> LOCATION: (662)..(662)

6725 <223> OTHER INFORMATION: n = a, c, g or t

6727 <220> FEATURE:

6728 <221> NAME/KEY: Unsure

6729 <222> LOCATION: (669)..(670)

6730 <223> OTHER INFORMATION: n = a, c, g or t

6732 <220> FEATURE:

6733 <221> NAME/KEY: Unsure

6734 <222> LOCATION: (707)..(707)

RAW SEQUENCE LISTING

DATE: 05/02/2001

PATENT APPLICATION: US/09/835,992

TIME: 12:34:49

Input Set : A:\es.txt

Output Set: N:\CRF3\05022001\I835992.raw

6735 <223> OTHER INFORMATION: n = a, c, g or t
 6737 <220> FEATURE:
 6738 <221> NAME/KEY: Unsure
 6739 <222> LOCATION: (733)..(733)
 6740 <223> OTHER INFORMATION: n = a, c, g or t
 6742 <220> FEATURE:
 6743 <221> NAME/KEY: Unsure
 6744 <222> LOCATION: (740)..(740)
 6745 <223> OTHER INFORMATION: n = a, c, g or t
 6747 <400> SEQUENCE: 58
 6748 agactttcct acatcagttt tattttaaacc acaaacaagt atttctcttt ctgtaagggc 60
 6749 aaatggttca aataatgcgg aacacgaaac attgactaat acaagtgcct taaatatgaa 120
 6750 acaaaattat tttttaaaaa agcaaaagaa taaagaatat atacaaaagg gacctggaat 180
 6751 ctgtaagggtg attccaaaaa cgaaataagt agaaaatcca tggtgaaacc tgaacattct 240
 6752 acctctgctt tggagaagggt ctatcatata acattcagtc agctgaagat ggattggtag 300
 6753 aggtgtgtct atacataaac ttcagtcatt tttgcttggt cagaatcatc ccaatcttcc 360
 W--> 6754 caanactgaa tgggcagtc tgtggcttcc ttccttttcc atattcccaa caaggctacg 420
 W--> 6755 tgaagttcaa ctcttgatga gccgcttaca acagcagttc cttaggancc caacatgaca 480
 W--> 6756 ggtgggtcag atttccttat gagaaacaaa actggncacc tacagcaaaa tntcaaaatg 540
 W--> 6757 ggttaagtcct tcttctctct tcttctgat tatntacaac atatctcctt tcaagantat 600
 6758 tatttccatc atgcttatcc ctcccaaat ctaaaccctg aagggtgatt gaagggaac 660
 W--> 6759 cnccatccnn aaaaagaaaa acccattccc aaattgaaaa aaaactnggc agggatataca 720
 E--> 6760 atacaccccc canaaactcn ccaattttcc c 751 ←

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001

TIME: 12:34:51

Input Set : A:\es.txt

Output Set: N:\CRF3\05022001\I835992.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

L:682 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:684 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:690 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:813 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:821 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/835,992

DATE: 05/02/2001

TIME: 12:34:51

Input Set : A:\es.txt

Output Set: N:\CRF3\05022001\I835992.raw

L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:3489 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:27
L:5633 M:252 E: No. of Seq. differs, <211>LENGTH:Input:667 Found:677 SEQ:42
L:5653 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43
L:6760 M:252 E: No. of Seq. differs, <211>LENGTH:Input:571 Found:751 SEQ:58
L:10158 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:86